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COMBINATIONS AT HIGH ANGLES OF ATTACK -
A PROJECT PROPOSAL

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15. Abstract

Aerodynamics of highly swept wing-body configurations are dominated by vortex flows at high angles of attack. This research is proposed with a view to improving our general understanding on the nature of the vortical interactions on delta wing-body combinations and to provide information on static aerodynamic characteristics at high angles of attack. Experiments are proposed on two delta wing-body configurations at subsonic speeds. It is hoped that the results obtained from this investigation will be useful in the preliminary design of combat aircraft of the future.